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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete If Known	
Application Number	Not Yet Assigned
Filing Date	March 11, 2004
First Named Inventor	Ki Ha Lee
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	IB-1825

U.S. PATENT DOCUMENTS

Examiner	Cite No.[1]	Document Number Number Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		BERTSEKAS, D. P., 1982, Enlarging the region of convergence of Newton's method for constrained optimization, J. Optimization Theory Applications, 36, 221-251.	
		GRAVES, R. W., 1996, Simulating seismic wave propagation in 3D elastic media using staggered-gris finite differences, Bull. Seism. Soc. Am., 86, 1091-1106.	
		KORMENDI, F., AND DIETRICH, M., 1991, Nonlinear waveform inversion of plane-wave seismograms in stratified elastic media, Geophysics, 56, 664-674.	
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		MARFURT, K. J., 1984, Accuracy of finite-difference and finite-element modeling of the scalar and elastic wave equations, Geophysics, 49, 533-549.	
		MINKOFF, S. E., AND SYMES, W. W., 1997, Full waveform inversion of marine reflection data in the plane-wave domain, Geophysics, 62, 540-553.	

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		OLDENBURG, D. W., MCGILLIVRAY, P. R., AND ELLIS, R. G., 1993, Generalized subspace methods for large-scale inverse problems, Geophys. J. Int., 114, 12-20.	
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		PRATT, R. C., 1990, Inverse theory applied to multi-source cross-hole tomography, Part II: elastic wave-equation method, Geophys. Prospect., 38, 311-330.	
		PRATT, R. G., 1999-a, Seismic waveform inversion in frequency domain, Part 1: Theory and verification in physical scale model, Geophysics, 64, 888-901.	
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		SHENG, J., AND SCHUSTER, G. T., 2000, Finite-frequency resolution limits of travel time tomography for smoothly varying velocity models: 70th Ann. Internat. Mtg., Soc. Expl. Geophys., Expanded Abstracts, 2134-2137.	

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		SONG, Z.- M., AND WILLIAMSON, P. R., 1995, Frequency-domain acoustic modeling and inversion of cross hole data: part I-2.5-D modeling method, Geophysics, 60, 784-795.	
		SONG, Z.- M., WILLIAMSON, P. R., AND PRATT, R. G., 1995, Frequency-domain acoustic wave modeling and inversion of cross hole data: Part II-inversion method, synthetic experiments and real-data results, Geophysics, 60, 796-809.	
		TARANTOLA, A., 1987, Inverse Problem Theory: Methods for Data Fitting and Parameter Estimation: Elsevier, Amsterdam, cover page.	
		VASCO, D. W., PETERSON, JR., J.E., AND MAIER, E.L., 1995, Beyond ray tomography: Wavepaths and Fresnel volumes: Geophysics, 60, 1790-1804.	
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		YOMOGIDA, K., AND ETGEN, J. T., 1993, 3-D wave propagation in the Los Angeles Basin for the Whittier-Narrows earthquake, Bull. Seism. Soc. Am. 83, 1325-1344.	
		ZHOU, C., SCHUSTER, G. T., HASSANZADEH, S., AND HARRIS, J. M., 1997, Elastic wave equation travel time and wavefield inversion of crosswell data, Geophysics, 62, 853-868.	

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